

Wireless Access Method and Physical Layer Specifications

Title: Section 4 & 7 cleanup comments.

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Abstract:

This document proposes some corrections in sections 4 and 7, and make them consistent.

Introduction:

This document lists a number of comments as feedback to the editors of sections 4 and 7. It addresses problems in the current descriptions, and inconsistencies between sections.

The following changes are proposed:

The ATIM subtype should be deleted from the list in section 4.1.2.1.2, as the Ah-Hoc Power Management function is no longer part of the standard.

Section 4.1.2.1.4 From DS
From DS, To DS = 00 combination not only for Data Frames, but also for Management frames (and for Control frames as defined in 4.2.1). Table 4-2 should be updated to correctly reflect this.

Section 4.1.2.1.7 Power Management
PM bits remain constant for each frame from the same source, within the frame sequence specified in section 4.3.

Section 4.1.2.1.7 Power Management
Sinse there is no longer a distinction between PSP and PSNP, I suggest to change the name to "Power Save Mode" (PSM).

In section 4.2.2.1, just below Table 4-4.

The statement that "in cases where the Address field 1 contains a group address, the BSSID must also be validated" should make an exception for the Probe frames, since this frame needs to be recognised by each AP within range (and within the same ESS).

Section 7.3.5.2.2 mentions a Broadcast BSSID to be needed in the Probe. This is not defined in section 4, and is not needed when the above described BSSID filtering restriction is specified.

Section 4.2.1.1 second paragraph is wrong.

In an Infrastructure BSS the RA can also be a station for AP-to-Station transfers, while also direct Station-to-Station transfers are still possible. So this sentence is to be deleted.

Section 4.2.1.3

Also the PS-Poll frame can be Acked.

Section 7.2.1.7 Bullit item a is wrong.

Stations do not wake-up after a Listen_Interval after the last received beacon, but after the last TBTT, or prior to the next TBTT.

Section 7.3.1

Why is bullit item b there? I would expect that when a selection of AP is done using the probing procedure, that an Association request can simply be retransmitted (with duplicate detection in the AP).